

50202226_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 50202226 on May 08, 2002

10	707/10	(2 OR, 8 XR)	
	Class	707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
ROCESSING	707/1		DATABASE OR FILE ACCESSING
	707/10		.Distributed or remote access
8	709/201	(3 OR, 5 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/201		.Distributed data processing
7	709/229	(3 OR, 4 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/227		.Computer-to-computer session/connection establishing
	709/229		..Network resources access controlling
6	709/203	(1 OR, 5 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/201		.Distributed data processing
	709/203		..Client/server
6	709/204	(2 OR, 4 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/204		.Computer conferencing
6	709/205	(2 OR, 4 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING	709/200		MULTICOMPUTER DATA TRANSFERRING

50202226_CLSTITLES

709/204	.Computer conferencing	
709/205	..Cooperative computer processing	
5	345/751	(2 OR, 3 XR)
	Class	345 : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS
	345/700	OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)
	345/751	.Computer supported collaborative work between plural users
5	707/103R	(4 OR, 1 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
ROCESSING	707/100	DATABASE SCHEMA OR DATA STRUCTURE
	707/103R	.Object-oriented database structure
4	345/733	(3 OR, 1 XR)
	Class	345 : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS
	345/700	OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)
	345/733	.For plural users or sites (e.g., network)
4	707/1	(1 OR, 3 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
ROCESSING	707/1	DATABASE OR FILE ACCESSING
4	707/200	(1 OR, 3 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
ROCESSING	707/200	FILE OR DATABASE MAINTENANCE
4	707/9	(1 OR, 3 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
ROCESSING	707/1	DATABASE OR FILE ACCESSING
	707/9	.Privileged access

50202226_CLSTITLES

4 709/217 (1 OR, 3 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/217 .Remote data accessing

4 709/227 (1 OR, 3 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/227 .Computer-to-computer session/connection
 establishing

4 711/203 (0 OR, 4 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/200 ADDRESS FORMATION
 711/202 .Address mapping (e.g., conversion,
 translation)
 711/203 ..Virtual addressing

3 709/102 (2 OR, 1 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/100 TASK MANAGEMENT OR CONTROL
 709/102 .Process scheduling

3 709/202 (0 OR, 3 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/201 .Distributed data processing
 709/202 ..Processing agent

3 709/228 (1 OR, 2 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/227 .Computer-to-computer session/connection
 establishing
 709/228 ..Session/connection parameter setting

3 709/315 (1 OR, 2 XR)

50202226_CLSTITLES

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/310 INTERPROGRAM COMMUNICATION, INTERPROCESS
COMMUNICATION (IPC)

709/313 .Interprogram Communication Using Message

709/315 ..Object Oriented Message

3 709/321 (0 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/310 INTERPROGRAM COMMUNICATION, INTERPROCESS
COMMUNICATION (IPC)

709/321 .Device Driver Communication

3 711/147 (1 OR, 2 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY

711/100 STORAGE ACCESSING AND CONTROL

711/147 .Shared memory area

3 711/202 (1 OR, 2 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY

711/200 ADDRESS FORMATION

711/202 .Address mapping (e.g., conversion,
translation)

2 370/218 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/216 FAULT RECOVERY

370/217 .Bypass an inoperative switch or inoperative
element of a switching system

370/218 ..Packet switching system or element

2 370/236 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL

370/235 .Flow control of data transmission through a
network

370/236 ..Including signaling between network elements

2 463/42 (0 OR, 2 XR)

Class 463 : AMUSEMENT DEVICES: GAMES

463/1 INCLUDING MEANS FOR PROCESSING ELECTRONIC DATA
(E.G., COMPUTER/VIDEO GAME, ETC.)

50202226_CLSTITLES

463/40 .With communication link (e.g., television
broadcast, etc.)
463/42 ..Network type (e.g., computer network, etc.)

2 703/27 (1 OR, 1 XR)

Class 703 : DATA PROCESSING: STRUCTURAL DESIGN,
MODELING, SIMULATION, AND EMULATION
703/23 EMULATION
703/27 .Compatibility emulation

2 707/102 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P

ROCESSING

707/100 DATABASE SCHEMA OR DATA STRUCTURE
707/102 .Generating database or data structure (e.g.,
via user interface)

2 707/104.1 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P

ROCESSING

707/100 DATABASE SCHEMA OR DATA STRUCTURE
707/104.1 .Application of database or data structure
(e.g., distributed, multimedia, image)

2 707/2 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P

ROCESSING

707/1 DATABASE OR FILE ACCESSING
707/2 .Access augmentation or optimizing

2 707/3 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P

ROCESSING

707/1 DATABASE OR FILE ACCESSING
707/3 .Query processing (i.e., searching)

2 707/514 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P

ROCESSING

707/500 DOCUMENT PROCESSING
707/514 .Hierarchical control

50202226_CLSTITLES

2	707/8	(1 OR, 1 XR)	
	Class	707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
ROCESSING			
	707/1		DATABASE OR FILE ACCESSING
	707/8		.Concurrency (e.g., lock management in shared database)
2	709/104	(1 OR, 1 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/100		TASK MANAGEMENT OR CONTROL
	709/102		.Process scheduling
	709/104		..Resource allocation
2	709/214	(0 OR, 2 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/213		.Multicomputer data transferring via shared memory
	709/214		..Plural shared memories
2	709/219	(1 OR, 1 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/217		.Remote data accessing
	709/219		..Accessing a remote server
2	709/224	(1 OR, 1 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/223		.Computer network managing
	709/224		..Computer network monitoring
2	709/246	(1 OR, 1 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/246		.Computer-to-computer data modifying

50202226_CLSTITLES

2	709/248	(0 OR, 2 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/248		.Multicomputer synchronizing
2	709/312	(1 OR, 1 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/310		INTERPROGRAM COMMUNICATION, INTERPROCESS COMMUNICATION (IPC)
	709/312		.Interprogram Communication Using Shared Memor
y			
2	709/313	(0 OR, 2 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/310		INTERPROGRAM COMMUNICATION, INTERPROCESS COMMUNICATION (IPC)
	709/313		.Interprogram Communication Using Message
2	709/316	(0 OR, 2 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/310		INTERPROGRAM COMMUNICATION, INTERPROCESS COMMUNICATION (IPC)
	709/313		.Interprogram Communication Using Message
	709/315		..Object Oriented Message
	709/316		...Managed Object System
2	709/328	(1 OR, 1 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/310		INTERPROGRAM COMMUNICATION, INTERPROCESS COMMUNICATION (IPC)
	709/328		.Application program interface (API)
2	710/107	(1 OR, 1 XR)	
	Class	710 :	ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT
	710/100		INTRASYSTEM CONNECTION (E.G., BUS AND BUS TRANSACTION PROCESSING)

50202226_CLSTITLES

710/107 .Bus access regulation

2 710/110 (1 OR, 1 XR)
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
 PROCESSING SYSTEMS: INPUT/OUTPUT
 710/100 INTRASYSTEM CONNECTION (E.G., BUS AND BUS
 TRANSACTION PROCESSING)
 710/107 .Bus access regulation
 710/110 ..Bus master/slave controlling

2 710/6 (2 OR, 0 XR)
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
 PROCESSING SYSTEMS: INPUT/OUTPUT
 710/1 INPUT/OUTPUT DATA PROCESSING
 710/5 .Input/Output command process
 710/6 ..Operation scheduling

2 711/164 (1 OR, 1 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/154 .Control technique
 711/163 ..Access limiting
 711/164 ...With password or key

2 711/208 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/200 ADDRESS FORMATION
 711/202 .Address mapping (e.g., conversion,
 translation)
 711/203 ..Virtual addressing
 711/206 ...Translation tables (e.g., segment and page
 table or map)
 711/208Segment or page table descriptor

2 713/155 (1 OR, 1 XR)
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: SUPPORT
 713/150 MULTIPLE COMPUTER COMMUNICATION USING
 CRYPTOGRAPHY
 713/155 .Central trusted authority provides computer
 authentication

2 713/200 (0 OR, 2 XR)
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: SUPPORT
 713/200 SECURITY

50202226_CLSTITLES

2	713/201	(1 OR, 1 XR)
	Class	713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT
	713/200	SECURITY
	713/201	.Computer network
2	713/202	(1 OR, 1 XR)
	Class	713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT
	713/200	SECURITY
	713/202	.Password
2	717/107	(2 OR, 0 XR)
	Class	717 : DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND MANAGEMENT
	717/100	SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G., INTEGRATED CASE TOOL OR STAND-ALONE DEVEL OPMENT TOOL)
	717/106	.Code generation
	717/107	..Component based
2	717/178	(1 OR, 1 XR)
	Class	717 : DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND MANAGEMENT
	717/174	SOFTWARE INSTALLATION
	717/176	.Network
	717/177	..Including distribution of software
	717/178	...Including downloading

able 1
abstract 1
access 6
accesses 1
accompanying 2
accordance 7
account 3
additionally 1
administered 3
administering 1
administration 2
administrator 5
administrators 1
adnaratus 1
advance 1
allowed 2
allowing 2
allows 1
among 1
an 12
and 36
annaratus 1
another 1
apparatuses 1
application 7
applications 6
approach 1
approaches 1
are 6
art 1
as 21
aspect 1
assigned 1
assignee 1
associated 2
at 2
attribute 1
authority 2
authorizations 1
authorized 3
authorizes 1
availability 1
available 2
backaround 1
background 1
based 2
bawd 1
be 6

between 1
brief 1
but 2
by 14
canada 1
certain 1
checked 1
classified 2
commonly 1
component 15
compounded 1
conditionally 1
contributes 2
contribution 2
contributor 7
control 3
controlled 2
controlling 2
created 1
creation 4
data 47
decryption 1
defined 2
deletion 1
denote 2
described 3
description 1
designated 6
desired 2
determine 1
different 1
disclosure 1
distribution 1
drawings 3
during 2
earlier 1
ease 1
effective 1
electronic 1
elements 2
eligible 8
embodiment 9
embodiments 2
encoded 1
encrypting 1
end 1
enterprise 1
entities 5

entity 1
example 1
execution 1
exemplary 2
exercise 1
extra 2
field 2
figure 3
figures 2
file 4
financial 1
financialcad 1
first 6
flexibility 1
flexibly 1
for 6
form 2
fourth 3
from 1
function 3
further 3
given 1
governed 1
group 1
has 1
her 3
herself 1
himself 1
his 3
hosted 1
if 1
illustrate 2
illustrated 2
illustrates 3
in 21
include 2
including 1
inclusion 2
increasingly 1
individual 2
information 2
interconnected 1
interface 1
internet 1
into 1
intra 2
invention 11
invoke 4

invoking 3
is 21
itself 1
keys 1
known 1
large 1
least 1
level 1
licensee 2
licensing 1
like 2
limitations 2
log 1
logged 1
logon 1
logons 1
longer 1
maintained 1
manaaina 1
manaciinci 1
managed 7
management 2
managing 2
manner 1
may 5
memberof 1
members 2
method 8
methods 5
more 2
need 1
needs 1
networking 1
networks 1
new 1
no 1
not 5
number 1
object 1
obtain 1
of 45
offering 2
on 6
once 1
one 12
operating 1
operation 2
opposed 1

or 15
organization 4
organizational 2
other 1
otherwise 1
overview 1
own 1
package 1
part 1
particular 1
password 1
passwords 1
pct 1
perform 1
permitted 2
population 1
predetermined 1
present 9
prior 1
privileged 1
problem 1
processing 1
profile 2
profiles 1
properties 1
property 1
protected 1
protecting 1
protection 1
provide 1
public 1
publication 10
publishing 8
references 2
relates 2
relationship 1
required 1
rich 1
said 1
same 2
second 10
security 2
selectively 1
server 3
servers 2
service 7
services 2
set 1

shared 13
sharina 1
sharinci 1
sharing 8
similar 2
single 1
software 1
specifically 1
store 1
subscriber 4
subscription 2
subsystem 1
such 2
summary 1
surrey 1
system 5
tags 2
technology 1
telecommunication 1
the 86
their 1
thereby 2
these 2
third 1
through 1
thus 1
tjl 1
tjso 1
to 33
together 1
tool 2
turn 1
typically 1
under 1
universal 1
unprivileged 2
usage 3
used 1
user 32
users 8
using 1
usiu 1
value 1
various 1
very 2
way 2
well 3
where 1

50202226_WDS

whether 2
which 6
will 2
with 12

50202226_QUAL

5794041 69
5062039 69
5596745 69
5764908 69
5805889 68
5890163 68
6098101 68
4969092 68
5253342 68
5933412 68
6134516 68
6189034 68
6202085 68
6055541 65
5860132 63
6229539 63
6088702 61
4928177 61
5829005 61
6076104 61
6125197 61
6192394 61
6226705 61
4949300 60
5930801 60
5305448 60
4924434 60
5446896 60
6167433 60
6208991 60
5016161 60
5016166 60
5737536 60
5768543 60
5806074 60
5822580 60
5995595 60
6058416 60
6134594 60
6154875 60
6195685 60
4310720 60
4403283 60
4817032 60
5008853 60
5220657 60
5263171 60
5388196 60

50202226_QUAL

5388211 60
5412729 60
5428806 60
5432929 60
5471631 60
5477476 60
5481735 60
5493728 60
5497479 60
5517652 60
5530880 60
5592625 60
5608608 60
5623655 60
5634004 60
5644768 60
5649187 60
5651101 60
5666348 60
5680618 60
5689638 60
5701461 60
5721948 60
5724356 60
5740367 60
5754799 60
5757772 60
5771383 60
5778398 60
5790650 60
5844553 60
5864711 60
5874960 60
5874931 60
5881056 60
5886993 60
5911068 60
5911071 60
5913032 60
5925097 60
5956038 60
5960173 60
6006293 60
6023729 60
6026474 60
6065010 60
6067578 60
6092098 60

50202226_QUAL

6097700 60
6134595 60
6204847 60
6212673 60

50202226_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 50202226 on May 08, 2002

Original Classifications

4	707/103R
3	345/733
3	709/201
3	709/229
2	345/751
2	707/10
2	709/102
2	709/204
2	709/205
2	710/6
2	717/107

Cross-Reference Classifications

8	707/10
5	709/201
5	709/203
4	709/204
4	709/205
4	709/229
4	711/203
3	345/751
3	707/1
3	707/200
3	707/9
3	709/202
3	709/217
3	709/227
3	709/321
2	463/42
2	707/102
2	707/104.1
2	707/2
2	707/3
2	707/514
2	709/214
2	709/228
2	709/248
2	709/313
2	709/315
2	709/316
2	711/147
2	711/202
2	711/208

2 713/200

Combined Classifications

10 707/10
8 709/201
7 709/229
6 709/203
6 709/204
6 709/205
5 345/751
5 707/103R
4 345/733
4 707/1
4 707/200
4 707/9
4 709/217
4 709/227
4 711/203
3 709/102
3 709/202
3 709/228
3 709/315
3 709/321
3 711/147
3 711/202
2 370/218
2 370/236
2 463/42
2 703/27
2 707/102
2 707/104.1
2 707/2
2 707/3
2 707/514
2 707/8
2 709/104
2 709/214
2 709/219
2 709/224
2 709/246
2 709/248
2 709/312
2 709/313
2 709/316
2 709/328
2 710/107
2 710/110
2 710/6

50202226_CLS

2 711/164
2 711/208
2 713/155
2 713/200
2 713/201
2 713/202
2 717/107
2 717/178